

Application No. 10/827495
Page 2

Response To Restriction Requirement

Status of Claims

Claim 1. (Previously presented) A stent comprised of a tube form body having a body wall structure of a geometric pattern of cells defined by wire extending throughout the body portion and defining the cell pattern as a plurality of spaced sections of interconnected cells which in plan view are of polygonal configuration, at least one of the plurality of spaced sections having two rows of cells circumferentially distributed about the tube, adjacent spaced sections being connected to each other by at least one straight connector section of the wire, the at least one straight connector section comprising at least a pair of wire.

Claim 2. (Cancelled)

Claim 3. (Previously presented) The stent of claim 1 wherein the at least one straight connector section comprises two connecting straight sections of the wire, the two being circumferentially spaced apart by about 180E.

Claim 4. (Previously presented) The stent of claim 1 wherein the at least one straight connector section comprises three connecting straight sections of the wire, the three being circumferentially spaced apart by about 120E.

Claim 5. (Original) The stent of claim 1 in which the wire is of a nitinol alloy.

Claim 6. (Original) The stent of claim 1 in which the polygonal configuration is hexagonal.

Claim 7. (Original) The stent of claim 1 wherein the straight sections are disposed at an angle relative to the longitudinal axis of the stent.

Claim 8. (Original) The stent of claim 1 including a covering sleeve.

Claim 9. (Previously presented) The stent of claim 1 wherein the at least one straight connector section of the wire extends continuously throughout the longitudinal length of the stent.

Claim 10. (Original) The stent of claim 9 including a plurality of continuous connecting wires.

Claim 11. (Original) The stent of claim 1 in which the cells are of a hexagonal configuration.

Claim 12. (Original) The stent of claim 11 in which at least some of the cells include two adjacent inverted sides which receive a connecting wire.

Claims 13-20. (Cancelled)